

2002
VIRGINIA PESTICIDE DISPOSAL PROGRAM
FINAL REPORT

Virginia Department of Agriculture and Consumer Services
Virginia Pesticide Control Board

The Virginia Department of Agriculture and Consumer Services (VDACS) in cooperation with the Virginia Pesticide Control Board (PCB) and Virginia Cooperative Extension (VCE) implemented its 12th Pesticide Disposal Program in September 2002.

The 2002 program was conducted in the following 35 Virginia localities:

Alleghany	Martinsville
Bland	Montgomery
Botetourt	Norton
Bristol	Patrick
Buchanan	Pittsylvania
Clifton Forge	Pulaski
Covington	Radford
Carroll	Roanoke
Craig	Roanoke City
Danville	Russell
Dickenson	Salem
Floyd	Scott
Franklin	Smyth
Galax	Tazewell
Giles	Washington
Grayson	Wise
Henry	Wythe
Lee	

The 2002 program was the final year of a four-year plan to implement a second pesticide disposal program in all Virginia localities. This “maintenance phase” follows a 9-year effort in which all Virginia localities were visited to assist

Virginia’s agricultural producers, pesticide dealers and pest control firms with the proper disposal of unwanted, outdated and banned pesticides. The initial effort collected greater than 639,800 pounds of unwanted pesticides from more than 1,500 participants.



Pesticides requiring disposal

VCE provided significant assistance in the survey and collection phases of the program and was responsible for contacting and surveying agricultural producers within their respective localities.

VDACS and VCE publicized the 2002 program through newsletters, newspaper articles, radio broadcasts and personal contacts to ensure that agricultural producers, pesticide dealers and pest control firms were aware of the program and had the opportunity to participate. In addition, VDACS notified all licensed pesticide

businesses within the participating localities by mail explaining the program and how they could participate.

Participants were required to complete an inventory of the unwanted pesticides and submit to either VCE or VDACS. Upon notification by an owner of unwanted pesticides, either the local VCE agent or VDACS Pesticide Investigator visited them to verify quantities for disposal.



Dealer assisting disposal contractor

To assist VCE with the travel costs associated with visiting each participant, VDACS provided \$6,600 to VCE.

The Division of Consolidated Laboratory Services (DCLS) provided laboratory analysis of unknown materials. To cover the analysis costs, DCLS charged VDACS for equipment, consumables and labor. One unknown sample was submitted for a total laboratory analysis cost of \$368.21. Only unknowns that were greater than either 50 pounds for solid material or 5 gallons for liquid material were sampled by VDACS. Unknowns below the threshold were field analyzed by the disposal contractor for manifesting purposes.



Packaging pesticide waste

The disposal contractor was Care Environmental, Landing, New Jersey at a price of \$1.18 per pound. Care Environmental was the disposal contractor for the 1997-2001 programs.

The collection phase of the program began on September 23, 2002 and was completed on September 25, 2002. A total of 31,998 pounds of pesticide waste was collected from 81 agricultural producers, pesticide dealers and pest control firms. Seven independent cities and three counties did not have any pesticides requiring disposal. A breakdown of the quantities of pesticides collected for disposal from each locality is in Table 1.

The total cost of the 2002 program, excluding personnel costs, was as follows:

Disposal contract	\$ 37,757.64
VCE support	6,600.00
<u>DCLS analysis</u>	<u>368.21</u>
Total	\$ 44,725.85

The 2002 program was completely funded by VDACS non-general funds.



Packaging pesticide waste

As in the 1999-2001 programs, the majority of the participating localities (29/35) had less pesticide waste collected in them than during the first collections. There was a reduction of 57.2% in pesticide waste collected in the overall program compared to the quantity collected during the first disposal programs held in the participating localities. The decrease in pesticide waste collected did not appear to depend upon the length of time between collections.

The 2002 Pesticide Disposal Program was the final year of a four-year maintenance phase for the program. It has yet to be determined whether the program will continue after 2002.

Table 1. Number of Participants and Total Amount of Pesticides Collected for Disposal by Locality

<u>Locality</u>	<u>Number of Participants</u>	<u>Pounds Collected</u>
Alleghany	1	included in Botetourt Co.
Bland	2	594
Botetourt	8	3,837
Bristol City	1	161
Buchanan	0	0
Carroll	4	1,815
Clifton Forge City	0	0
Covington City	0	0
Craig	5	290
Danville City	2	included in Pittsylvania Co.
Dickenson	0	0
Floyd	2	319
Franklin	6	3,384
Galax City	0	0
Giles	1	206
Grayson	2	681
Henry	1	included in Pittsylvania Co.
Lee	1	74
Martinsville	0	0
Montgomery	6	3,530
Norton City	0	0
Patrick	6	677
Pittsylvania	10	4,962
Pulaski	8	2,006
Radford City	0	0
Roanoke City	1	included in Roanoke Co.
Roanoke	3	5,939
Russell	1	175
Salem City	0	0
Scott	1	216
Smyth	4	166
Tazewell	1	250
Washington	3	1,500
Wise	1	1,216
Wythe	0	0
Total	81	31,998